



IFW16

RAW SEQUENCE LISTING DATE: 10/22/2004
PATENT APPLICATION: US/08/252,384A TIME: 11:56:03

Input Set : N:\FATIMA\08252384.txt
Output Set: N:\CRF4\10222004\H252384A.raw

Use
3 <110> APPLICANT: Reactive Surfaces
4 McDaniel, C. Steven
6 <120> TITLE OF INVENTION: Recombinant Organophosphorus Acid Anhydrase and Methods of
8 <130> FILE REFERENCE: RACT-00200
C--> 10 <140> CURRENT APPLICATION NUMBER: US/08/252,384A
C--> 11 <141> CURRENT FILING DATE: 2004-06-01
13 <150> PRIOR APPLICATION NUMBER: 07/928,540
14 <151> PRIOR FILING DATE: 1992-08-13
16 <150> PRIOR APPLICATION NUMBER: 08/252,384
17 <151> PRIOR FILING DATE: 1994-06-01
19 <150> PRIOR APPLICATION NUMBER: 07/344,258
20 <151> PRIOR FILING DATE: 1989-04-27
22 <160> NUMBER OF SEQ ID NOS: 1
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 337
28 <212> TYPE: PRT
29 <213> ORGANISM: Pseudomonas aeruginosa
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34 1 5 10 15
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38 20 25 30
41 Ser Ser Ala Gly Phe Leu Arg Ala Trp Pro Glu Phe Phe Gly Ser Arg
42 35 40 45
45 Lys Ala Leu Ala Glu Lys Ala Val Arg Gly Leu Arg Arg Ala Arg Ala
46 50 55 60
49 Ala Gly Val Arg Thr Ile Val Asp Val Ser Thr Phe Asp Ile Gly Arg
50 65 70 75 80
53 Asp Val Ser Leu Leu Ala Glu Val Ser Arg Ala Ala Asp Val His Ile
54 85 90 95
57 Val Ala Ala Thr Gly Leu Trp Phe Asp Pro Pro Leu Ser Met Arg Leu
58 100 105 110
61 Arg Ser Val Glu Glu Leu Thr Gln Phe Phe Leu Arg Glu Ile Gln Tyr
62 115 120 125
65 Gly Ile Glu Asp Thr Gly Ile Arg Ala Gly Ile Ile Lys Val Ala Thr
66 130 135 140
69 Thr Gly Lys Ala Thr Pro Phe Gln Glu Leu Val Leu Lys Ala Ala Ala
70 145 150 155 160
73 Arg Ala Ser Leu Ala Thr Gly Val Pro Val Thr Thr His Thr Ala Ala
74 165 170 175
77 Ser Gln Arg Asp Gly Glu Gln Gln Ala Ala Ile Phe Glu Ser Glu Gly
78 180 185 190

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81 Leu Ser Pro Ser Arg Val Cys Ile Gly His Ser Asp Asp Thr Asp Asp
82 195 200 205
85 Leu Ser Tyr Leu Thr Ala Leu Ala Ala Arg Gly Tyr Leu Ile Gly Leu
86 210 215 220
89 Asp His Ile Pro His Ser Ala Ile Gly Leu Glu Asp Asn Ala Ser Ala
90 225 230 235 240
93 Ser Ala Leu Leu Gly Ile Arg Ser Trp Gln Thr Arg Ala Leu Leu Ile
94 245 250 255
97 Lys Ala Leu Ile Asp Gln Gly Tyr Met Lys Gln Ile Leu Val Ser Asn
98 260 265 270
101 Asp Trp Leu Phe Gly Phe Ser Ser Tyr Val Thr Asn Ile Met Asp Val
102 275 280 285
105 Met Asp Arg Val Asn Pro Asp Gly Met Ala Phe Ile Pro Leu Arg Val
106 290 295 300
109 Ile Pro Phe Leu Arg Glu Lys Gly Val Pro Gln Glu Thr Leu Ala Gly
110 305 310 315 320
113 Ile Thr Val Thr Asn Pro Ala Arg Phe Leu Ser Pro Thr Leu Arg Ala
114 325 330 335
117 Ser

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date